

**D-Link Corporation**  
**Power Line 200 Mbps DHP-302 (v1.0)**  
(DS2 DSS9101)  
**External Product Spec**

**Version History:**

<b>Date</b>	<b>Version</b>	<b>Person</b>	<b>Description</b>
2007/10	1.0	Vincent Chen	First Release

## 1. Introduction

DHP-302 is an extended access solution allows you to network your home computers, networking devices and gaming devices through the most pervasive medium in your house, the electric power lines. Users can easily have data transferring and share Internet connections, printers, AV contents.

## 2. Product Spec

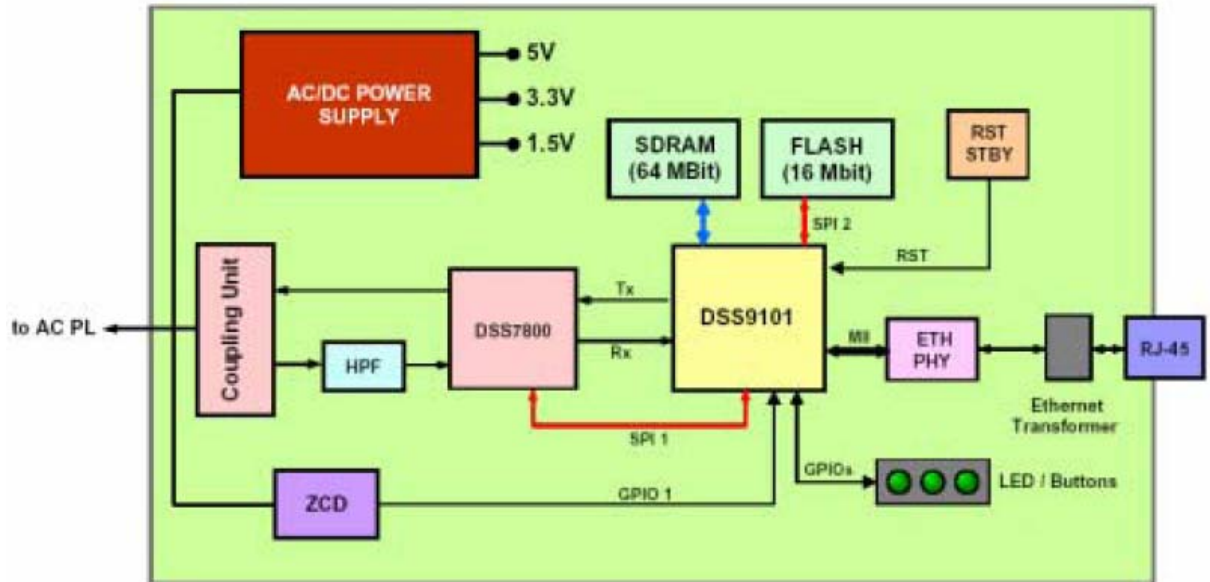
- Network Protocol and Standards Compatibility:
  - IEEE 802.3 10BASE-T
  - IEEE 802.3u 100BASE-TX
  - Support Auto-MDI/MDIX
- Device features:
  - TDMA-based MAC ensures efficient bandwidth sharing.
  - Integrated Quality of Service (QoS) separate and prioritize between media and data streams.
  - 3DES or 128/256 bits AES Encryption
  - Push button for esay connection setup.

Items	Feature	Detailed Description
1	DSP	DS2 DSS9101
2	PHY	10/100 Single PHY
3	Flash	2M Bits Flash memory
4	SDRAM	4M X 16 bits SDRAM (8M bytes) * 1

LEDs indicators support

- Power LED: Normal operating: Green, Power Off : Off
- Copper 10/100Mbps Port:
  - Link/Act LED: link up: green , and flash is indicated to data transmission.
- Power Line LED: Indicates that the Power Line port has a connection to device on the local area network and the green and Amber is link to local area, flickering LED indicates data transmission. - Green LED: Power Line speed > 20Mbps. - Amber LED: Power Line speed < 20Mbps or Power Line speed > 6Mbps. - Red LED: Power Line speed < 6Mbps or Power Line port link down.
- AP LED : The indicator lights green when the device is master, otherwise it is off.

### 3. System Diagram



## **4. Physical & Environmental Requirements**

### **4.1 AC Input**

110 ~ 240VAC Internal universal power supply

### **4.2 Operating Temperature Conditions**

The product shall be capable of continuous reliable operation when operating in ambient temperature of 0°C to +40°C.

### **4.3 Operating Humidity Conditions**

The product shall be capable of continuous reliable operation when subjected to relative humidity in the range of 10% and 90% non-condensing.

### **4.4 Emission**

FCC Part 15 Class B, VCCI Class B, CE Class B, C-Tick

### **4.5 Safety**

UL60950, IEC950/EN60950

**5. Mechanic & ID**  
(103 mm X 74 mm X 42 mm)

